

# Science and engineering profile: Nebraska

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	2,970	620,140	38
S&E doctorates awarded, 2007	175	31,801	36
Life sciences (%)	36	26	–
Mathematics and computer sciences (%)	15	10	–
Engineering (%)	14	24	–
SEH postdoctorates in doctorate-granting institutions, 2006	218	49,201	34
SEH graduate students in doctorate-granting institutions, 2006	3,324	542,073	38
Population, 2008 (thousands)	1,783	308,014	39
Civilian labor force, 2008 (thousands)	996	155,366	37
Personal income per capita, 2007 (dollars)	36,372	38,615	25
Federal spending			
Total expenditures, 2007 (\$millions)	13,986	2,532,073	41
R&D obligations, 2006 (\$millions)	160	107,545	44
Total R&D performance, 2006 (\$millions)	840	335,377	39
Industry R&D, 2006 (\$millions)	447	243,853	38
Academic R&D, 2007 (\$millions)	365	49,406	34
Life sciences (%)	68	60	–
Engineering (%)	10	15	–
Sciences, nec (%)	5	2	–
SBIR awards, 2000–07	72	44,157	48
Utility patents issued to state residents, 2008	191	77,493	40
Gross domestic product, 2007 (\$billions)	80	13,832	38

– = no value possible.

nec = not elsewhere classified; S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

## Federal obligations for research and development, by agency and performer: Nebraska, FY 2006 (Thousands of dollars)

Agency	Performer							Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	
All agencies	159,986	29,491	0	11,514	114,152	4,066	763	44
Department of Agriculture	33,498	24,263	0	0	9,235	0	0	23
Department of Commerce	226	37	0	0	189	0	0	47
Department of Defense	20,341	3,493	0	6,529	10,319	0	0	46
Department of Energy	2,538	0	0	0	2,538	0	0	46
Department of Health and Human Services	78,731	0	0	3,671	70,735	4,062	263	38
Department of Homeland Security	4	0	0	4	0	0	0	42
Department of the Interior	1,877	1,698	0	35	144	0	0	43
Department of Transportation	3,027	0	0	0	2,527	0	500	26
Environmental Protection Agency	450	0	0	0	450	0	0	36
National Aeronautics and Space Administration	2,287	0	0	742	1,545	0	0	50
National Science Foundation	17,007	0	0	533	16,470	4	0	41
Rank	44	40	–	48	37	42	48	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."